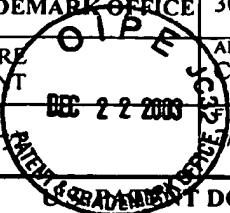


FORM PTO-1449 (Rev. 2-32)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO: 30-4397DIV2		SERIAL NO.: 10/631,320	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT: Charles E. Bowers			
(Use several sheets if necessary)				FILING DATE: 12/31/03		GROUP: 3765	



PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
B	2,252,999	08/1941	Wallach	57	140		
	2,880,112	03/1959	Drelich	117	37		
	3,494,819	02/1970	McAlister	161	89		
	3,494,822	02/1970	Weldon	161	172		
	3,828,542	08/1974	Boutonnet et al.	57	140		
	3,877,214	04/1975	Van Der Werf	57	164		
	3,978,267	08/1976	Selwood	428	360		
	3,978,647	09/1976	Kosaka et al.	57	140		
	4,307,566	12/1981	Murata et al.	57	228		
	4,355,592	10/1982	Tajjiri et al.	112	410		
4,424,250	01/1984	Adams	428	198			

FOREIGN PATENT DOCUMENTS							TRANSLATION	
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO		
WO 96 37644 A	11/1996	PCT						
WO 94 20657	09/1994	PCT						
WO 94/09196	04/1994	PCT						
WO 88/03969	06/1988	PCT						
<del>ZA 98/9628</del>	<del>09/1999</del>	<del>South Africa</del>						

OTHER DOCUMENTS(Including Author, Title, Date, Pertinent Pages, etc.)			

EXAMINER <i>Yao</i>	DATE CONSIDERED <i>3-8-05</i>
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Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM PTO-1449</b> (Rev. 2-32)		<b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>		<b>ATTY. DOCKET NO:</b> 30-4397DIV2		<b>SERIAL NO.:</b> 10/631,320		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>APPLICANT:</b> Charles E. Bowers				
(Use several sheets if necessary)				<b>FILING DATE:</b> 12/31/03		<b>GROUP:</b> 3765		
<b>U.S. PATENT DOCUMENTS</b>								
<b>EXAMINER INITIAL</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>FILING DATE IF APPROPRIATE</b>	
<i>[initials]</i>		4,495,758	01/1985	Stahlecker	57	19		
		4,552,603	11/1985	Harris, Jr. et al.	156	167		
		4,601,949	07/1986	Bach et al.	428	374		
		4,644,741	02/1987	Grading et al.	57	256		
		4,668,552	05/1987	Scott et al.	428	92		
		4,668,553	05/1987	Scott et al.	428	92		
		4,802,330	2/1989	Yngve et al.	57	238		
		4,871,604	10/1989	Hackler	428	96		
		5,010,723	04/1991	Wilen	57	210		
		5,102,713	04/1992	Corbin et al.	428	92		
<b>FOREIGN PATENT DOCUMENTS</b>								
							<b>TRANSLATION</b>	
		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>COUNTRY</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>YES</b>	<b>NO</b>
<i>[initials]</i>		EP 0 324 773	11/1990	EP				
<i>[initials]</i>		EP 0 444 637	09/1991	EP				
<i>[initials]</i>		EP 0 466 618	01/1992	EP				
<i>[initials]</i>		EP 0 696 655	02/1996	EP				
<i>[initials]</i>		FR 2124919	09/1972	FR				
<i>[initials]</i>		GB 1168404	10/1969	GB				
<i>[initials]</i>		GB 1208293	10/1970	GB				
<i>[initials]</i>		GB 2205116	5/1998	GB				
<b>OTHER DOCUMENTS(Including Author, Title, Date, Pertinent Pages, etc.)</b>								
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>				
<i>[initials]</i>				3-8-05				
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